

1 / 9

```

POST /StockQuote HTTP/1.1
Host: www.stockquoteserver.com
Content-Type: text/xml; charset="utf-8"
Content-Length: nnnn
SOAPAction: "http://example.org/2001/06/quotes"

<env:Envelope xmlns:env="http://www.w3.org/2001/06/soap-envelope" >
<env:Body>
  <m:GetLastTradePrice
    env:encodingStyle="http://www.w3.org/2001/06/soap-encoding"
    xmlns:m="http://example.org/2001/06/quotes">
    <symbol>IBM</symbol>
  </m:GetLastTradePrice>
</env:Body>
</env:Envelope>

```

FIG. 1 PRIOR ART

```

<Method> <request-URI> <HTTP-version>
Header field 1
...
Header field n
(blank line)
Message body

```

FIG. 2 PRIOR ART

```

<SOAP:Envelope>
  <SOAP:Header>
    Header field 1
    ...
    Header field n
  </SOAP:Header>
  <SOAP:Body>
    Body field 1
    ...
    Body field n
  </SOAP:Body>
</SOAP:Envelope>

```

FIG. 3  
PRIOR ART

```
<Method> <request-URI> <HTTP-version>
Header field 1
...
Header field n
(blank line)
<SOAP:Envelope>
  <SOAP:Header>
    Header field 1
    ...
    Header field n
  </SOAP:Header>
  <SOAP:Body>
    Body field 1
    ...
    Body field n
  </SOAP:Body>
</SOAP:Envelope>
```

**FIG. 4** PRIOR ART

```
<?xml version="1.0"?>
<definitions name="StockQuote"
targetNamespace="http://example.com/stockquote.wsdl"
  xmlns:tns="http://example.com/stockquote.wsdl"
  xmlns:xsd1="http://example.com/stockquote.xsd"
  xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns="http://schemas.xmlsoap.org/wsdl/">

  <types>
    <schema targetNamespace="http://example.com/stockquote.xsd"
      xmlns="http://www.w3.org/2000/10/XMLSchema">
      <element name="TradePriceRequest">
        <complexType>
          <all>
            <element name="tickerSymbol" type="string"/>
          </all>
        </complexType>
      </element>
      <element name="TradePrice">
        <complexType>
          <all>
            <element name="price" type="float"/>
          </all>
        </complexType>
      </element>
    </schema>
  </types>

  <message name="GetLastTradePriceInput">
    <part name="body" element="xsd1:TradePriceRequest"/>
  </message>
```

FIG. 5A PRIOR ART

```
<message name="GetLastTradePriceOutput">
  <part name="body" element="xsd1:TradePrice"/>
</message>

<portType name="StockQuotePortType">
  <operation name="GetLastTradePrice">
    <input message="tns:GetLastTradePriceInput"/>
    <output message="tns:GetLastTradePriceOutput"/>
  </operation>
</portType>

<binding name="StockQuoteSoapBinding" type=
  "tns:StockQuotePortType">
  <soap:binding style="document" transport=
    "http://schemas.xmlsoap.org/soap/http"/>
  <operation name="GetLastTradePrice">
    <soap:operation soapAction=
      "http://example.com/GetLastTradePrice"/>
    <input>
      <soap:body use="literal"/>
    </input>
    <output>
      <soap:body use="literal"/>
    </output>
  </operation>
</binding>

<service name="StockQuoteService">
  <documentation>My first service</documentation>
  <port name="StockQuotePort" binding="tns:StockQuoteBinding">
    <soap:address location=
      "http://www.stockquoteserver.com/StockQuote"/>
  </port>
</service>

</definitions>
```

**FIG. 5B** PRIOR ART

5 / 9

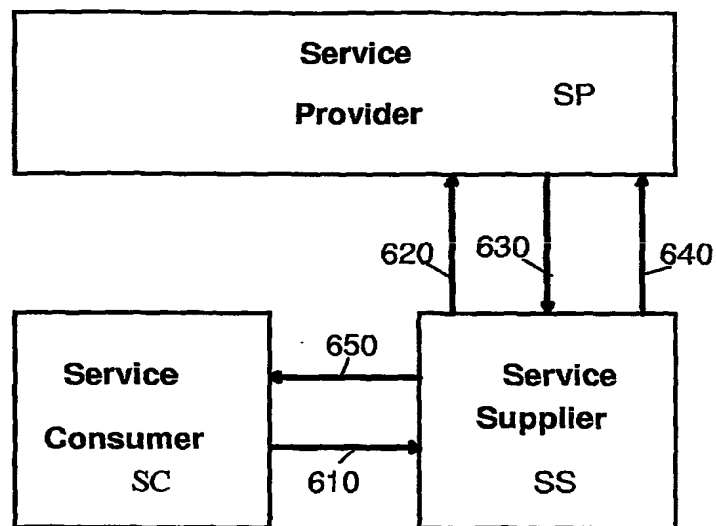


FIG. 6

6 / 9

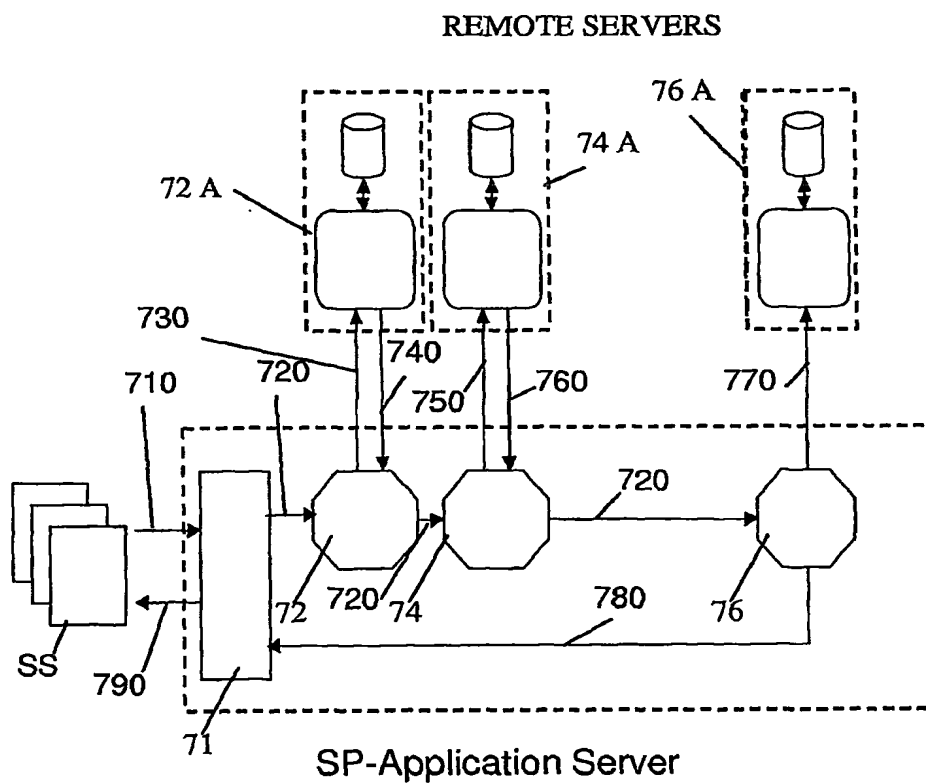


FIG. 7

7 / 9

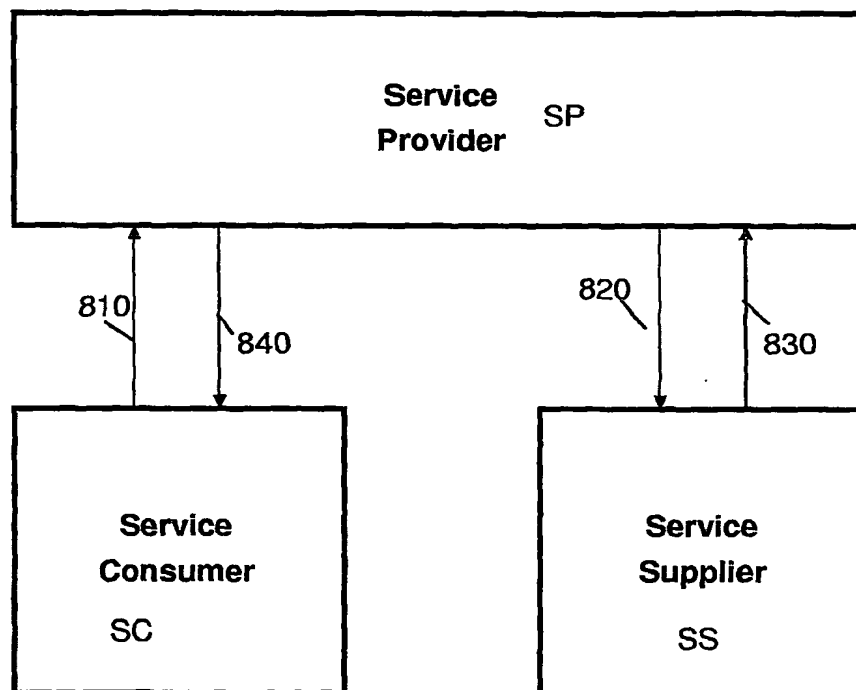


FIG. 8

8 / 9

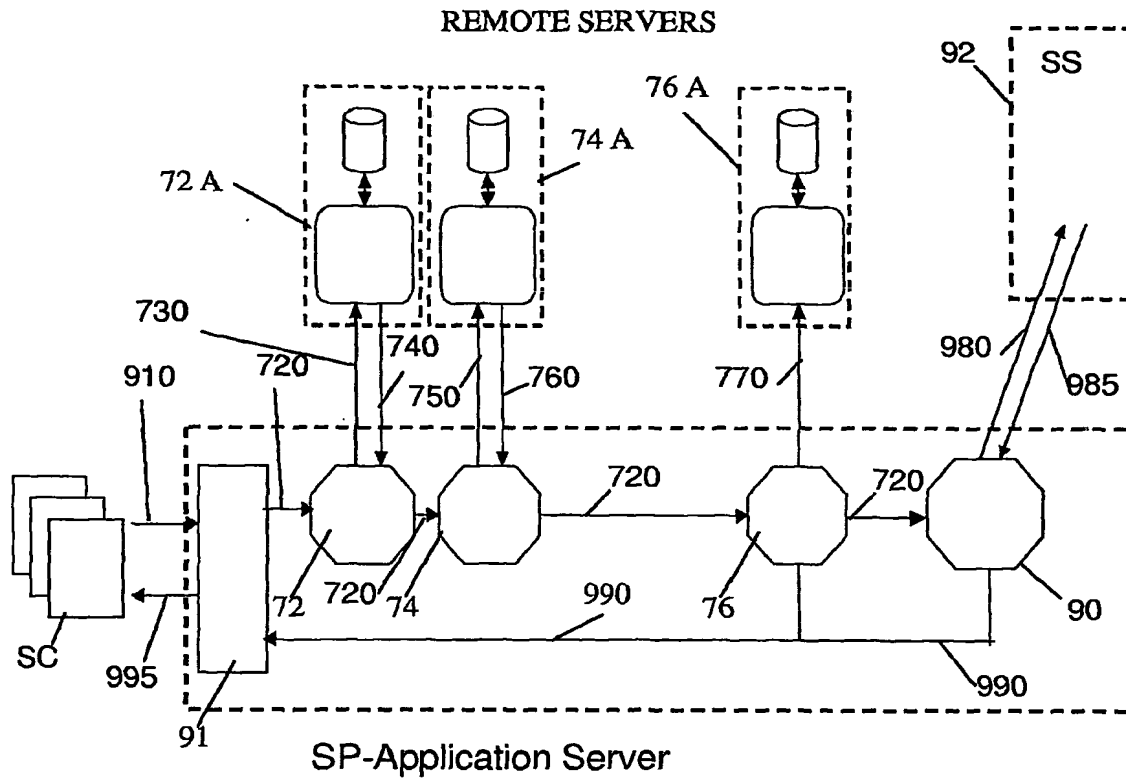


FIG. 9



9/9

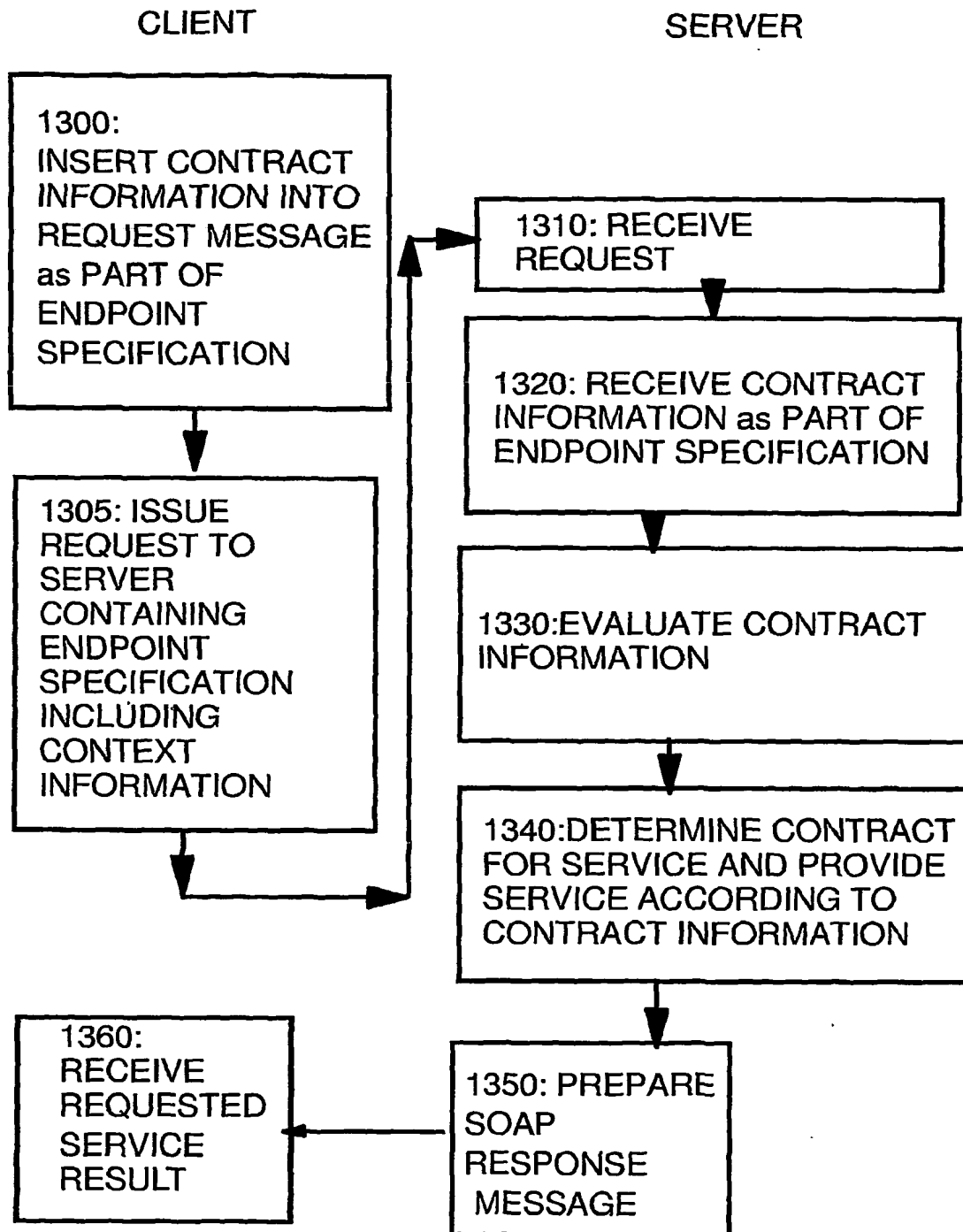


FIG. 10